

1-21-2005

PTO/SB/08A (08-03)

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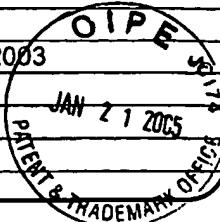
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Complete if Known

Application Number	10/698,938
Filing Date	November 3, 2003
First Named Inventor	Boss
Art Unit	1773
Examiner Name	Unknown

Attorney Docket Number 6666.110



U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 3,640,836	02-08-1972	Oberst et al.	
		US- 4,412,864	11-01-1983	Kurashige et al.	
		US- 4,447,493	05-08-1984	Driscoll et al.	
		US- 4,742,107	05-03-1988	Statz	
		US- 4,822,834	04-18-1989	Blevins	
		US- 4,838,939	06-13-1989	Kanda et al.	
		US- 4,859,523	08-22-1989	Endoh et al.	
		US- 4,942,219	07-17-1990	Yatsuka et al.	
		US- 4,959,189	09-25-1990	Rohrbacher et al.	
		US- 4,965,037	10-23-1990	Weaver et al.	
		US- 5,009,821	04-23-1991	Weaver	
		US- 5,087,491	02-11-1992	Barrett	
		US- 5,203,435	04-20-1993	Dolgin	
		US- 5,229,216	07-20-1993	Watanabe et al.	
		US- 5,262,232	11-16-1993	Wilfong et al.	
		US- 5,282,100	01-25-1994	Tacklind et al.	
		US- 5,288,813	02-22-1994	Hirakuchi et al.	
		US- 5,342,465	08-30-1994	Bronowicki et al.	
		US- 5,356,715	10-18-1994	Levine et al.	

FOREIGN PATENT DOCUMENTS

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature	<i>V Costa</i>	Date Considered	2/15/06
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Sheet

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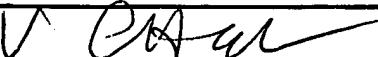
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		Number-Kind Code ² (if known)			
		US- 5,362,572	11-08-1994	Hamada et al.	
		US- 5,368,914	11-29-1994	Barrett	
		US- 5,411,810	05-02-1995	Hirakouchi et al.	
		US- 5,420,170	05-30-1995	Lutter et al.	
		US- 5,507,477	04-16-1996	Manning et al.	
		US- 5,540,173	07-30-1996	Tucker et al.	
		US- 5,578,680	11-26-1996	Ando et al.	
		US- 5,609,703	03-11-1997	Hamada et al.	
		US- 5,800,888	09-01-1998	Yasumoto et al.	
		US- 5,833,320	11-10-1998	Kaneko et al.	
		US- 5,842,686	12-01-1998	Hansen et al.	
		US- 5,851,327	12-22-1998	Landin	
		US- 5,858,521	01-12-1999	Okuda et al.	
		US- 5,916,954	06-29-1999	Bohn et al.	
		US- 5,918,564	07-06-1999	Ohtsuka et al.	
		US- 5,939,179	08-17-1999	Yano et al.	
		US- 5,945,643	08-31-1999	Casser	
		US- 5,965,249	10-12-1999	Sutton et al.	
		US- 5,984,043	11-16-1999	Ruhe et al.	

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